



## RULE 63 (37 C.F.R. 1.63) DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and I believe

— I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

the specification of which (check applicable box(s)): is attached hereto	subject r	matter which is claimed a	and for which a patent is sough	HISTOSOMIASIS VACCINE		
was filed on October 7, 1999 as U.S. Application Serial No. and (if applicable to U.S. or PCT application) was amended on  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which it material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application in patent or inventor's certificate having a filing date before that of the application on the patentability of this application on which priority is claimed or. if no priority is claimed, before the filing date of this application. Priority Foreign Application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed, before the filing date of this application. Priority Foreign Application on Sumber (Great Britain)  I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States provisional application(s) listed below. Application Number  Date/Month/Year Filed  I hereby claim the benefit under 35 U.S.C. \$119(e) of any United States and PCT intermational applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT intermational applications is listed above or below and, insofar as the subject matter of each of the claims of this application.  Day/Month/Year Filed  Status: patenter of ach of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT intermational applications and be national or PCT intermational filing date of this application.  Day/Month/Year Filed  Status: patenter benefit or prior the prior this pri	•	•				
was filed as PCT international application No. and (if applicable to U.S. or PCT application) was amended on  I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F. R. 1.56. I hereby claim foreign priority benefits under 35 U.S. C. 119365 of any foreign applications (s) for patent or inventors certificate leaving a filing date before that of the application on which priority is claimed of, the original policitation for patent or inventor's certificate having a filing date before that of the application on which priority is claimed, before the filing date of this application.  Priority Foreign Application(s): Application Number  Country Great Birtain  Toctober 1981  I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Application Number  DateMonth/Year Filed  Intelligent of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. §112, acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filling date of the prior application Serial No.  Priorial S.PCT Application(s): Application Serial No.  Day/Month/Year Filed  Status: patenter pending, abandone (1) application serial in No.  Day/Month/Year Filed  Priorial S.PCT Application(s): Application Serial No.  Day/Month/Year Filed  Priorial S.PCT Application(s): Application Serial No.  Day/Month/Year Filed  Day/Month/Year Filed  Priorial S.PCT Application(s): Application Serial No.  Day/Month/Year Filed  Day/Month/Year	☐ is	attached hereto				
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign pnority benefits under 35 U.S.C. 119/355 of any foreign applications) for patent or inventor's certificate leads and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed, before the filing date of this application.  Application Number  Country  Country  Day/Month/Year Filed  Fig.  I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.  Application Number  I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States and PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States Code in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international applications and the national or PCT international applications in the manner provided by the first paragraph of 35 U.S.C. 120/365 of all prior United States Code and suc	⊠ w	as filed on	October 7, 1999	as U.S. Application Serial No.	Unassigned	(Atty Dkt. No. 687-78)
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R. 1.56. I hereby claim foreign principly benefits under 35 U.S.C. 119/856 of any foreign application(s) for patent or inventor's certificate later to be the service of the property of the patentability of this application for patent or inventor's certificate having a filing date before that of the application which priority is claimed, in fin optionity is claimed, before the filing date of this application.  Country Foreign Application (s):  Application Number  Application Num	□ w.	as filed as PCT Internation	onal application No.		on	
amendment referred to above. I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with 37 C.F.R.1.55. I hereby claim foreign priority benefits under 35 U.S.C. 119/365 of any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed or, if no priority is claimed or priority is claimed or in priori	and (if a	pplicable to U.S. or PCT	application) was amended on			
Application Number 9821821.7 Great Britain 7 October 1981  I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional applications(s) listed below. Application Number Date/Month/Year Filed    hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112. I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application.    Status: patented pending, abandoned of the claims of this application is prior J.S./PCT Application Serial No.   Day/Month/Year Filed	amendm with 37 ( listed be which pr	nent referred to above. I C.F.R. 1.56. I hereby cla low and have also identifi iority is claimed or, if no	acknowledge the duty to discli im foreign priority benefits und fied below any foreign applicat	ose information which is material to ter 35 U.S.C. 119/365 of any foreig ion for patent or inventor's certificat	the patentability of this napplication(s) for pater	application in accordance
I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.   Application Number   Date/Month/Year Filed				Country		Dou/Month Non- Filed
I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below. Application Number    Pate				•		<del>-</del>
I hereby claim the benefit under 35 U.S.C. 120/365 of all prior United States and PCT international applications listed above or below and, insofar as the subject matter of each of the claims of this application is not disclosed in such prior applications in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior applications and the national or PCT international filing date of this application:    Priory U.S./PCT Application(s):   Application Serial No.	Applicat		35 U.S.C. §119(e) of any Unite		isted below.	
Application Serial No. Day/Month/Year Filed pending, abandoned pending	I hereby the subje U.S.C. 1	ect matter of each of the 12, I acknowledge the du	claims of this application is no uty to disclose material informa	t disclosed in such prior application ation as defined in 37 C.F.R. 1.56 w	s in the manner provide	d by the first paragraph of 35
Application Serial No.    Pending, abandoned   Pend	Prior U.	S./PCT Application(s):				Status: natented
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or impressionment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 2200_4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same addless) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office confighted therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 31842; Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 3248; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spooner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366 Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 3475; Donald L. Jackson, 41090; Michael N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329.*  1. Inventor's Signature: Michael Doenhoff (last) (last) (citizenship)  Wales (State/country) England  University of Wales, Cae Denwen, College Road, Bangor, Wales, England  Gwynedd LL57 2DQ:  Date: Statestar Inventor: British (citizenship)  Value S. Septra Denven, College Road, Bangor, Wales, England  University Division of Molecular and Genetic Medicine, M Floor, Royal Hampshire Hospital, Sheffield, University Division				Day/Month/Year Filed		
be trite; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or impliphenment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. And I hereby appoint NIXON & VANDERHYE P.C., 1100 North Glebe Rd., 8th Floor, Arlington, VA 22201-4714, telephone number (703) 816-4000 (to whom all communications are to be directed), and the following attorneys thereof (of the same address) individually and collectively my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office confighted therewith and with the resulting patent: Arthur R. Crawford, 25327; Larry S. Nixon, 25640; Robert A. Vanderhye, 27076; James T. Hosmer, 30184, Robert W. Faris, 31352; Richard G. Besha, 22770; Mark E. Nusbaum, 32348; Michael J. Keenan, 32106; Bryan H. Davidson, 30251; Stanley C. Spoöner, 27393; Leonard C. Mitchard, 29009; Duane M. Byers, 33363; Jeffry H. Nelson, 30481; John R. Lastova, 33149; H. Warren Burnam, Jr. 29366 Thomas E. Byrne, 32205; Mary J. Wilson, 32955; J. Scott Davidson, 33489; Alan M. Kagen, 36178; Robert A. Molan, 29834; B. J. Sadoff, 36663; James D. Berquist, 34776; Updeep S. Gill, 37334; Michael J. Shea, 34725; Donald L. Jackson, 41090; Michelle N. Lester, 32331; Frank P. Presta, 19828; Joseph S. Presta, 35329.*  1. Inventor's Signature: Inventor: Michael Genetic Millson (first) Millson (last) (citizenship)  Post Office Address: (Zip Code)  2. Inventor's Signature: Inventor: Jon Sayers Date: St. November 1997  Inventor's Signature: Inventor: Jon Sayers Date: St. November 1997  Millson Genetic Medicine, M. Floor, Royal Hampshire Hospital, Sheffield, England  University Division of Molecular and Genetic Medicine, M. Floor, Royal Hampshire Hospital, Sheffield, England	4=			•		F3, abanaonea
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Residence: (city) Post Office Address: (Zip Code)  Inventor's Signature: Inventor:  Residence: (city) Post Office Address: University of Wales, Cae Derwen, College Road, Bangor, Wales, England  Output  Date:  Date:  Stylvourse 1990  British (first) MI (last) (citizenship)  Residence: (city) Post Office Address:  University Division of Molecular and Genetic Medicine, M Floor, Royal Hampshire Hospital, Sheffield, England	1.	_	Joern	$\omega_{//}$		Zi M OCHEVER
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Post Office Address: (Zip Code)  Inventor's Signature: Inventor:  Residence: (city) Post Office Address:  Post Office Address:  University of Wales, Cae Derwen, College Road, Bangor, Wales, England  Date: Stylvocenter 1990  British (last) (citizenship)  Sheffield (state/country) England  University Division of Molecular and Genetic Medicine, M Floor, Royal Hampshire Hospital, Sheffield, England		Donidonos (-9-A				(citizenship)
2. Inventor's Signature: Inventor: Jon Sayers British Residence: (city) Post Office Address: Sheffield Sheffield Sheffield Sheffield, England  Gwynedd LL57 2DG  Date: Sheffield (last) (citizenship)  Sayers British (last) (citizenship)  (citizenship)  Sheffield Sheffield Sheffield, England		• • •		(state/country	) England	
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Inventor:  Jon (first) MI (last) (citizenship)  Residence: (city) Post Office Address:  University Division of Molecular and Genetic Medicine, M Floor, Royal Hampshire Hospital, Sheffield, England		(Zip Code)	Gwynedd LL57 2DG			
Inventor:  Jon (first) MI (last) (citizenship)  Residence: (city) Post Office Address:  University Division of Molecular and Genetic Medicine, M Floor, Royal Hampshire Hospital, Sheffield, England	2	Inventode Cinchina	Q PS	Deer .		CH 11- 6- 1000
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